

Customized Periodic Table

30 points

Using the blank periodic table template provided, you are individually going to create a more user-friendly periodic table that you can then use on the test. To complete your periodic table, use your notes and the standard periodic table you were given. Your customized periodic table **MUST** contain all of the following items:

For EVERY element: *(15 points)*

- Its symbol
- Its atomic number above the symbol
- Its atomic weight below the symbol

For the table as a whole: *(5 points)*

- Label every period
- Label every group (1, 2, 3, etc. as well as IA, IIA, IIIB, etc.)
- Label the Lanthanide series
- Label the Actinide series

Create a key: *(10 points)*

- Color alkali metals red
- Color alkaline earth metals orange
- Color poor metals green
- Color metalloids dark blue
- Color nonmetals purple
- Color halogens pink
- Color noble gases light blue
- Color transition metals yellow
- Color rare earth elements brown

This is an individual project and you only have 2 class periods to work on it. Whatever is not finished in those class periods will be homework.

Neatness counts!!!!